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Application Number	Andrew Marks, et al. 10763498
Filing Date	January 21, 2004
First Named Inventor	Andrew Marks
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	5199-139

ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
 - ☐ Fee Attached
- ☐ Petitions to the Commissioner
- ☐ Request For Corrected Filing Receipt With A Copy Of the Official Receipt
- ☒ Amendment/Reply
 - ☐ After Final
 - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Information Disclosure Statement
 - ☐ Form PTO/SB/08A _____ References
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/Incomplete Application
 - ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Petition to Make Special
 - ☐ Statement pertaining to pre-examination search; and
 - ☐ Detailed discussion of the references submitted with the Information Disclosure Statement

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s) - ___ Sheets
- ☐ Licensing-related Papers
- ☐ Petition to Revive Unintentionally Abandoned Application
- ☐ Petition Routing Slip (PTO/SB/69) and Accompanying Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Small Entity Statement
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____
- ☐ Express Abandonment Request

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
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- ☒ Other Enclosure(s) (please identify below):

1) Return Receipt Postcard

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Leslie Gladstone Restaino, Registration No. 38,893
Signature	<i>Leslie Gladstone Restaino</i>
Date	February 23, 2004

CERTIFICATE OF MAILING

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2/23/2004

Type or printed name	Maureen Elise Kelly	Date	February 23, 2004
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of:	Andrew Marks, <i>et al.</i>	Group Art Unit:	Not yet assigned
Serial No.:	Not yet assigned	Examiner:	Not yet assigned
Filed:	January 21, 2004	Docket No.	5199-139
For:	NOVEL ANTI-ARRHYTHMIC AND HEART FAILURE DRUGS THAT TARGET THE LEAK IN THE RYANODINE RECEPTOR (RYP2)		

February 23, 2004

Mail Stop Non-Fee Amendment
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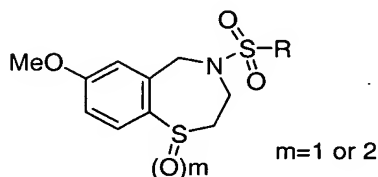
Sir/Madam:

PRELIMINARY AMENDMENT

Please add the following new claims:

51. A method for synthesizing the compound of claim 1.

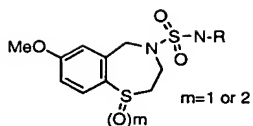
52. The method of claim 51, further comprising the step of oxidizing the compound of claim 1 with an oxidizing agent, to form a compound having formula:



wherein R = aryl, alkenyl, alkyl, $-(CH_2)_nNR'_2$, or $-(CH_2)_nSR'$, and n = 0, 1, 2, or 3, and R' = alkyl or cycloalkyl, and wherein m = 1 or 2.

53. A method for synthesizing the compound of claim 2.

54. The method of claim 53, further comprising the step of oxidizing the compound of claim 2 with an oxidizing agent, to form a compound having formula:



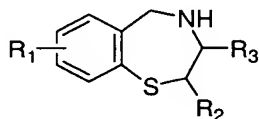
wherein R = aryl, alkyl, $-(CH_2)_nNR'_2$, or $-(CH_2)_nSR'$, and n = 0, 1, 2, or 3, and R' = alkyl or cycloalkyl, and wherein m = 1 or 2.

55. A method for synthesizing the compound of claim 3.

56. A method for synthesizing the compound of claim 4.

57. A method for synthesizing the compound of claim 5.

58. A method for synthesizing a 2, 3, 4, 5-tetrahydro-1,4-benzothiazepine compound having formula:



wherein $R_1 = OR'$, SR' , NR' , alkyl, or halide, at position 2, 3, 4, or 5 on the phenyl ring, and $R' =$ alkyl, aryl, or H; wherein $R_2 =$ H, alkyl, or aryl; and wherein $R_3 =$ H, alkyl, or aryl.

59. A method for synthesizing an agent that enhances binding of RyR2 and FKBP12.6.

Respectfully submitted,

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